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Serial Number: 10/643203

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US 20020128564 A1	US-PGPUB	20020912	Atrial interval based heart rate variability diagnostic for cardiac rhythm management system	600/509		Carlson, Gerrard M. et al.
US 20020120311 A1	US-PGPUB	20020829	Expert system and method	607/72		Lindh, Par et al.
US 20020120298 A1	US-PGPUB	20020829	Apparatus and method for ventricular rate regularization	607/5		Kramer, Andrew P. et al.
US 20020107551 A1	US-PGPUB	20020808	Pacing and sensing vectors	607/9		Stahmann, Jeffrey E. et al.
US 20020087198 A1	US-PGPUB	20020704	Apparatus and method for ventricular rate regularization	607/9		Kramer, Andrew P. et al.
US 20020082663 A1	US-PGPUB	20020627	Pace counter isolation for cardiac resynchronization pacing	607/27		Stahmann, Jeffrey E. et al.

US 20020082662 A1	US-PGPUB	20020627	Method and apparatus for display of ventricular electrograms	607/27		Vanderlinde, Scott et al.
US 20020082660 A1	US-PGPUB	20020627	Apparatus and method for pacing mode switching during atrial tachyarrhythmias	607/14		Stahmann, Jeffrey E. et al.
US 20020082659 A1	US-PGPUB	20020627	Cardiac rhythm management system with staggered pulses for coordination therapy	607/9		Stahmann, Jeffrey E. et al.
US 20020082657 A1	US-PGPUB	20020627	MODE TRANSITION TIMING FOR SYNCHRONIZED PACING	607/9		Stahmann, Jeffrey E. et al.
US 20020082656 A1	US-PGPUB	20020627	Method and apparatus for maintaining synchronized pacing	607/9		Stahmann, Jeffrey E. et al.
US 20020082655 A1	US-PGPUB	20020627	System and method for cardiac rhythm management with synchronized pacing protection period	607/9		Kramer, Andrew P. et al.
US 20020082654 A1	US-PGPUB	20020627	System and method for timing synchronized pacing	607/9		Kramer, Andrew P. et al.
US 20020082653 A1	US-PGPUB	20020627	System and method for managing refractory periods in a cardiac rhythm management device with biventricular sensing	607/9		Stahmann, Jeffrey E. et al.
US 20020082652 A1	US-PGPUB	20020627	METHOD FOR COLLECTION OF BIVENTRICULAR HISTOGRAMS	607/9		Wentkowski, Rene H. et al.
US 20020082651 A1	US-PGPUB	20020627	Pacing and sensing vectors	607/9		Stahmann, Jeffrey E. et al.
US 20020082650 A1	US-PGPUB	20020627	System and method for eliminating cross-talk due to far-field signals	607/9		Stahmann, Jeffrey E. et al.
US 20020082649 A1	US-PGPUB	20020627	Safety pacing in multi-site CRM devices	607/9		Stahmann, Jeffrey E. et al.
US 20020082648 A1	US-	20020627	Apparatus and method for	607/9		Kramer,

	PGPUB		ventricular rate regularization with biventricular sensing			Andrew P. et al.
US 20020082509 A1	US-PGPUB	20020627	Method and system for display of cardiac event intervals in a resynchronization pacemaker	600/510		Vanderlinde, Scott et al.
US 20020077859 A1	US-PGPUB	20020620	System and method for displaying cardiac events	705/3		Stahmann, Jeffrey E. et al.
US 20020077668 A1	US-PGPUB	20020620	Cardiac rhythm management system providing control of pacing features with a reduced number of variables	607/9		Kalgren, James et al.
US 20020077562 A1	US-PGPUB	20020620	System and method for correlation of patient health information and implant device data	600/510		Kalgren, James et al.
US 20020068959 A1	US-PGPUB	20020606	Cardiac rhythm management system with remotely activated capture verification for CHF and other patients	607/28		Warren, Jay A. et al.
US 20010016759 A1	US-PGPUB	20010823	System providing ventricular pacing and biventricular coordination	607/9		Kramer, Andrew P. et al.
US 7142918 B2	USPAT	20061128	Apparatus and method for pacing mode switching during atrial tachyarrhythmias	607/15	607/25; 607/9	Stahmann, Jeffrey E. et al.
US 7142915 B2	USPAT	20061128	Apparatus and method for ventricular rate regularization	607/9		Kramer, Andrew P. et al.
US 7142914 B2	USPAT	20061128	Mode transition timing for synchronized pacing	607/9		Stahmann, Jeffrey E. et al.
US 7130688 B2	USPAT	20061031	Pace counter isolation for cardiac resynchronization pacing	607/27	607/9	Stahmann, Jeffrey E. et al.
US 7130682 B2	USPAT	20061031	Pacing and sensing vectors	607/9		Stahmann, Jeffrey E. et al.
US 7127291 B2	USPAT	20061024	Coronary sinus lead with	607/21	607/122	Zhu;

			thermal sensor and method therefor			Qingsheng et al.
US 7127290 B2	USPAT	20061024	Cardiac rhythm management systems and methods predicting congestive heart failure status	607/17	600/515	Girouard; Steven D. et al.
US 7120494 B2	USPAT	20061010	System and method for eliminating cross-talk due to far-field signals	607/9		Stahmann; Jeffrey E. et al.
US 7120490 B2	USPAT	20061010	Cardiac rhythm management system with atrial shock timing optimization	607/4	607/14	Chen; Victor T. et al.
US 7110816 B2	USPAT	20060919	Reduction of left-ventricular offset interaction with tachyarrhythmia detection	607/14		Baker; Kenneth L. et al.
US 7101339 B2	USPAT	20060905	Respiration signal measurement apparatus, systems, and methods	600/529	600/508	Daum; Douglas R. et al.
US 7092757 B2	USPAT	20060815	Minute ventilation sensor with dynamically adjusted excitation current	607/17	607/18; 607/24	Larson; Dennis E. et al.
US 7062325 B1	USPAT	20060613	Method and apparatus for treating irregular ventricular contractions such as during atrial arrhythmia	607/14	607/4	Krig; David B. et al.
US 7058449 B2	USPAT	20060606	Safety pacing in multi-site CRM devices	607/17	607/18; 607/9	Stahmann; Jeffrey E. et al.
US 7050854 B2	USPAT	20060523	Calibration of adaptive-rate pacing using intrinsic chronotropic response	607/17	607/19	Daum; Douglas R. et al.
US 7047066 B2	USPAT	20060516	Method and system for display of cardiac event intervals in a resynchronization pacemaker	600/510	600/523	Vanderlinde; Scott et al.
US 7047065 B2	USPAT	20060516	System and method for correlation of patient health information and implant device data	600/510		Kalgren; James et al.
US 7039462 B2	USPAT	20060502	Method and apparatus for detecting oscillations in	607/14	600/547; 607/24	Pastore; Joseph M. et

			cardiac rhythm			al.
US 7016732 B2	USPAT	20060321	Cardiac rhythm management system with remotely activated capture verification for CHF and other patients	607/28	600/510; 607/27; 607/32	Warren; Jay A. et al.
US 7016729 B2	USPAT	20060321	Reduction of interaction with tachyarrhythmia detection by negative offset pacing	607/14	607/9	Stahmann; Jeffrey E. et al.
US 7003347 B2	USPAT	20060221	System and method for cardiac rhythm management with dynamically adjusted synchronized chamber pacing protection period	607/9	607/14; 607/25; 607/4	Stahmann; Jeffrey E.
US 6988002 B2	USPAT	20060117	Apparatus and method for ventricular rate regularization with biventricular sensing	607/18	607/19; 607/25	Kramer; Andrew P. et al.
US 6963778 B2	USPAT	20051108	Maximum pacing rate limiter implemented using the evoked response-T-wave interval	607/25		Daum; Douglas R. et al.
US 6963774 B2	USPAT	20051108	Safety pacing in multi-site CRM devices	607/9	607/18	Stahmann; Jeffrey E. et al.
US 6957100 B2	USPAT	20051018	Method and system for display of cardiac event intervals in a resynchronization pacemaker	600/510	600/523	Vanderlinde; Scott et al.
US 6949075 B2	USPAT	20050927	Apparatus and method for detecting lung sounds using an implanted device	600/586	600/300; 600/529; 607/9	Hatlesad; John D. et al.
US 6944499 B2	USPAT	20050913	Method and apparatus for avoiding unwanted sensing in a cardiac rhythm management device	607/9		Tang; Zhengnian et al.
US 6941167 B2	USPAT	20050906	System and method for displaying cardiac events	600/523	607/2; 607/27; 607/30	Stahmann; Jeffrey E. et al.
US 6922589 B2	USPAT	20050726	Site reversion in cardiac rhythm management	607/27	607/28	Stahmann; Jeffrey E. et al.

US 6912420 B2	USPAT	20050628	Cardiac rhythm management system for hypotension	607/17		Scheiner; Avram et al.
US 6909916 B2	USPAT	20050621	Cardiac rhythm management system with arrhythmia classification and electrode selection	607/9	600/515; 600/518; 607/14	Spinelli; Julio C. et al.
US 6907289 B2	USPAT	20050614	Triggered storage of diagnostic data associated with compromised resynchronization therapy	607/27	607/9	Stahmann; Jeffrey E. et al.
US 6907288 B2	USPAT	20050614	Cardiac rhythm management system adjusting rate response factor for treating hypotension	607/17		Daum; Douglas R.
US 6885890 B2	USPAT	20050426	Apparatus and method for multi-site anti-tachycardia pacing	607/14		Spinelli; Julio C. et al.
US 6871095 B2	USPAT	20050322	Method and apparatus for maintaining synchronized pacing	607/9		Stahmann; Jeffrey E. et al.
US 6868346 B2	USPAT	20050315	Minute ventilation sensor with automatic high pass filter adjustment	702/45		Larson; Dennis E. et al.
US 6865424 B2	USPAT	20050308	Implantable medical device with voice responding and recording capacity	607/62	600/586	Daum; Douglas R. et al.
US 6859664 B2	USPAT	20050222	Cardiac rhythm management system with defibrillation threshold prediction	607/8	607/5	Daum; Douglas R. et al.
US 6829505 B2	USPAT	20041207	System and method for cardiac rhythm management with synchronized pacing protection period	607/9		Kramer; Andrew P. et al.
US 6810287 B2	USPAT	20041026	Implantable cardiac disease management device with trigger-stored polysomnogram and phonocardiogram	607/17		Zhu; Qingsheng et al.
US 6795734 B2	USPAT	20040921	Method and apparatus for display of ventricular electrograms	607/27	600/509; 600/518; 600/523;	Vanderlinde; Scott et al.

					607/19; 607/25; 607/31; 607/63	
US 6772009 B2	USPAT	20040803	Method and apparatus for adjusting the sensing threshold of a cardiac rhythm management device	607/9	607/28	Zhang; Geng et al.
US 6760623 B2	USPAT	20040706	Cardiac rhythm management system with staggered pulses for coordination therapy	607/9		Stahmann; Jeffrey E. et al.
US 6757562 B2	USPAT	20040629	Reduction of left-ventricular offset interaction with tachyarrhythmia detection	607/14		Baker; Kenneth L. et al.
US 6751502 B2	USPAT	20040615	Cardiac rhythm management system with defibrillation threshold prediction	607/8	607/5	Daum; Douglas R. et al.
US 6748272 B2	USPAT	20040608	Atrial interval based heart rate variability diagnostic for cardiac rhythm management system	607/14	600/508; 600/515; 607/9	Carlson; Gerrard M. et al.
US 6684101 B2	USPAT	20040127	Implantable medical device employing single drive, dual sense impedance measuring	600/547	600/483; 600/484	Daum; Douglas R.
US 6665558 B2	USPAT	20031216	System and method for correlation of patient health information and implant device data	600/510	607/30; 607/31; 607/59	Kalgren; James et al.
US 6618618 B2	USPAT	20030909	Cardiac rhythm management system providing control of pacing features with a reduced number of variables	607/9	607/30	Kalgren; James et al.
US 6574506 B2	USPAT	20030603	System and method for timing synchronized pacing	607/9	607/15	Kramer; Andrew P. et al.
US 6564100 B2	USPAT	20030513	Cardiac rhythm management system with remotely activated capture verification for CHF and	607/28		Warren; Jay A. et al.

			other patients			
US 6553258 B2	USPAT	20030422	System and method for managing refractory periods in a cardiac rhythm management device with biventricular sensing	607/9	607/15	Stahmann; Jeffrey E. et al.
US 6522921 B2	USPAT	20030218	System and method for eliminating cross-talk due to far-field signals	607/9		Stahmann; Jeffrey E. et al.
US 6512952 B2	USPAT	20030128	Method and apparatus for maintaining synchronized pacing	607/9		Stahmann; Jeffrey E. et al.
US 6511444 B2	USPAT	20030128	Transmyocardial revascularization using ultrasound	601/2		Hynynen; Kullervo et al.
US 6502479 B1	USPAT	20030107	Adjustable ramp helix	74/568R	474/11; 474/19	Lee; Kent
US 6501988 B2	USPAT	20021231	Apparatus and method for ventricular rate regularization with biventricular sensing	607/9	607/25	Kramer; Andrew P. et al.
US 6493586 B1	USPAT	20021210	Site reversion in cardiac rhythm management	607/27	607/28	Stahmann; Jeffrey E. et al.
US 6480742 B2	USPAT	20021112	Pace counter isolation for cardiac resynchronization pacing	607/27	607/15	Stahmann; Jeffrey E. et al.
US 6480740 B2	USPAT	20021112	Safety pacing in multi-site CRM devices	607/9	607/25	Stahmann; Jeffrey E. et al.
US 6463326 B1	USPAT	20021008	Rate adaptive cardiac rhythm management device using transthoracic impedance	607/20	600/547; 607/28; 607/62	Hartley; Jesse W. et al.
US 6459929 B1	USPAT	20021001	Implantable cardiac rhythm management device for assessing status of CHF patients	600/513	600/510; 607/18; 607/20	Hopper; Donald L. et al.
US 6453201 B1	USPAT	20020917	Implantable medical device with voice responding and recording capacity	607/62	600/586	Daum; Douglas R. et al.
US 6438421 B1	USPAT	20020820	Mode transition timing for synchronized pacing	607/9		Stahmann; Jeffrey E. et al.

US 6430439 B1	USPAT	20020806	Method for collection of biventricular histograms	607/9		Wentkowski; Rene H. et al.
US 6430438 B1	USPAT	20020806	Cardiac rhythm management system with atrial shock timing optimization	607/5		Chen; Victor T. et al.
US 6418343 B1	USPAT	20020709	Method and apparatus for adjusting the sensing threshold of a cardiac rhythm management device	607/9	607/28	Zhang; Geng et al.
US 6415180 B1	USPAT	20020702	Device and method for ventricular tracking and pacing	607/9		Kramer; Andrew P. et al.
US 6411848 B1	USPAT	20020625	System providing ventricular pacing and biventricular coordination	607/9	607/25	Kramer; Andrew P. et al.
US 6363278 B1	USPAT	20020326	Cardiac rhythm management system with staggered pulses for coordination therapy	607/9		Stahmann; Jeffrey E. et al.
US 6353759 B1	USPAT	20020305	Cardiac rhythm management system promoting a trial pacing	607/9		Hartley; Jesse W. et al.
US 6351669 B1	USPAT	20020226	Cardiac rhythm management system promoting atrial pacing	607/5		Hartley; Jesse W. et al.
US 6285907 B1	USPAT	20010904	System providing ventricular pacing and biventricular coordination	607/9	607/25	Kramer; Andrew P. et al.
US 6275727 B1	USPAT	20010814	Implantable cardiac rhythm management device for assessing status of CHF patients	600/513	607/17; 607/18; 607/20	Hopper; Donald L. et al.
US 6161042 A	USPAT	20001212	Rate adaptive cardiac rhythm management device using transthoracic impedance	607/20	600/547; 607/28	Hartley; Jesse W. et al.
US 6076015 A	USPAT	20000613	Rate adaptive cardiac rhythm management device using transthoracic impedance	607/20	600/547; 607/28; 607/62	Hartley; Jesse W. et al.
US 6049735 A	USPAT	20000411	Cardiac rhythm management device with detection and therapy for	607/9		Hartley; Jesse W. et al.

			sudden syncopal events			
US 6029086 A	USPAT	20000222	Automatic threshold sensitivity adjustment for cardiac rhythm management devices	607/9		Kim; Jungkuk et al.
US 5957857 A	USPAT	19990928	Apparatus and method for automatic sensing threshold determination in cardiac pacemakers	600/521	600/509; 600/517; 607/9	Hartley; Jesse W.
US 5875870 A	USPAT	19990302	Escape ladder system	182/70	182/74; 182/95	Lee; Kenten
US 5862817 A	USPAT	19990126	Two-in-one tooth brush unit	132/311	132/309; 132/314; 15/167.1; 401/123; 401/268	Lee; Kenten
US 5862377 A	USPAT	19990119	Technique for sharing information between applications	719/329	719/313	Lee; Kenton F. W.
US 5785147 A	USPAT	19980728	Escape ladder structural improvement	182/70	182/76; 182/84	Lee; Kenten
US 5661817 A	USPAT	19970826	Single charge-coupled-device camera for detection and differentiation of desired objects from undesired objects	382/110	348/144; 348/164; 348/273; 382/164	Hatlestad; John David et al.
US 5621460 A	USPAT	19970415	Optical differentiation between plants and background utilizing a single CCD camera	348/265	348/337	Hatlestad; John D. et al.
US 5555464 A	USPAT	19960910	Red/near-infrared filtering for CCD cameras	348/266	348/273; 348/280	Hatlestad; John D.
US 5413593 A	USPAT	19950509	Using sub-threshold unipolar pacing markers to improve the interpretation of surface EKG in pacemaker patients	607/27	607/36	Spinelli; Julio C. et al.
US 5376106 A	USPAT	19941227	Multi-sensor blending in a rate responsive cardiac pacemaker	607/18		Stahmann; Jeffrey E. et al.
US 5343204 A	USPAT	19940830	Auto-focusing correction for rotational acceleration effects on inverse synthetic aperture radar images	342/25F	342/195	Farmer; Michael E. et al.

US D269563 S	USPAT	19830705	Self defense key ring	D3/208		Lee; Kent H. M.
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